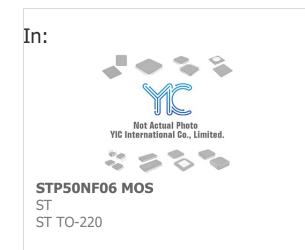


Specifications Part Number STP50NF25 STMicroelectronics Manufacturer MOSFET N-CH 250V 45A TO-220 Description Discrete Semiconductor Products > Transistors - FETs, _ Category _ Part Status 4751 pcs Stock Vgs(th) (Max) @ Id 4V @ 250µA $\pm 20V$ Vgs (Max) Technology MOSFET (Metal Oxide) Supplier Device Package TO-220AB Series STripFET™ Rds On (Max) @ Id, Vgs 69 mOhm @ 22A, 10V 160W (Tc) Power Dissipation (Max) Packaging Tube Package / Case TO-220-3 **Operating Temperature** -55°C ~ 150°C (TJ) Mounting Type Through Hole Input Capacitance (Ciss) (Max) @ Vds 2670pF @ 25V Gate Charge (Qg) (Max) @ Vgs 68.2nC @ 10V N-Channel **FET Feature** Drive Voltage (Max Rds On, Min Rds On) 10V 250V Drain to Source Voltage (Vdss)

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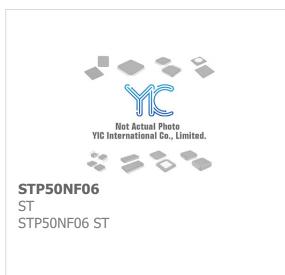
Current - Continuous Drain (Id) @ 25°C





45A (Tc)













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